

STALWART

SMT-10HL

MINI HANDHELD HOMOGENIZER

Manual



Performance Test Statement

| | | | | | | | |
|---------------------|-----------------------|----------------------------------|-----------------------|------------------------------------|--|-----------------|--|
| Name | | Mini Handheld Homogenizer | | Type | | SMT-10HL | |
| Test Date | | | Production No. | | | | |
| No. | Test Content | Test Methods | Standard | Conclusion | | | |
| 1 | Speed | Tachometer | 18000rpm | <input type="checkbox"/> Qualified | | | |
| 2 | Basic Function | Visualization | Valid | <input type="checkbox"/> Qualified | | | |
| 3 | Appearance Demand | Visualization | Valid | <input type="checkbox"/> Qualified | | | |
| 4 | Outer Marks | Visualization | Valid | <input type="checkbox"/> Qualified | | | |
| 5 | Continuous Experiment | Visualization | 2 hours trouble-free | <input type="checkbox"/> Qualified | | | |
| Test Results | | | | | | | |
| Tester: | | | Confirmer: | | | | |

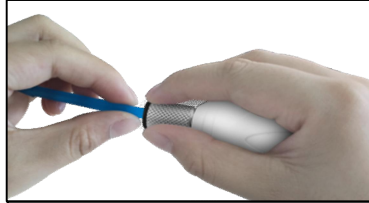
1. Introduction

The mini handheld homogenizer has lightweight, hand-held design and simple operation, it uses a micro-DC motor to drive the grinding pestle work. Grinding micro organization, short time and good effect. Grinding pestle has light weight, resistant to grinding, suitable for various sterile ways, reusable and convenient disassembly. In addition, the device can also be equipped with stainless steel grinding pestle, which can be used to process samples that conventional grinding head not easy to grind.

2. Plastic Dispensing Head Installation



Put the dispensing head in the fastener according to above.



Press and hold the rubber ring, rotate the grinding pestle into the fastening parts.

(Note: when dismantling the grinding pestle, you should press the black rubber ring to avoid causing the rubber ring to fall off)

3. Applications

▲ Suitable for grinding various plant tissue sample such as root, stem, leaf, flower, fruit, seed, etc.

▲ Suitable for grinding various animal tissue sample such as cerebrum, heart, lung, stomach, liver, thymus, kidney, intestine, lymphonodus, muscle, skeleton, etc.

▲ Suitable for homogenate.

4. Features

▲ Light and easy to operate.

▲ Use micro DC motor for grinding trace tissue, efficient and effective.

▲ The grinding pestle has light weight and abrasion resistance, suitable for various sterile ways.

▲ Using quick install chuck design, demolition grinding pestle convenient and quick.

▲ Equipped with rechargeable batteries and desktop charger, it is more convenient and portable, more energy efficient and environmentally friendly.

▲ Equipped with a pack of disposable grinding pestle, 10 pcs. Equipped with 1.5ml centrifuge tube 10 pcs.

(Optional stainless steel grinding pestle)

5. Parameters

| | |
|-----------------------|----------------------|
| Type | SMT-10HL |
| Speed | 18000rpm |
| Working Noise | 55dB |
| Work lasting | 2 hours |
| Battery charging time | More than 2 hours |
| Operating Voltage | 2.4V |
| Input power | 1.2V x AA battery |
| Dimension(W*D*H) | 143mm x 25mm x 143mm |
| Net weight | 0.18kg |

6. Notice

1. When operation, do not touch dispersing head to anywhere of the human body.

2. Any parts of the instruments is for this type of instrument, do not use it to any other types.

3. The battery must be recharged regularly every 5-7 days to ensure the battery life.

Any violation of the above matters shall be at your own risk.

After Service

| | |
|---------------------------------|---------------------------|
| Description of Commodity | Mini Handheld Homogenizer |
| Type | SMT-10HL |
| Production No. | MU-E119-1044 |
| Purchasing Date | Sept. 2018 |

Within one month of delivery, the company is responsible of exchange for breakdown caused by material or manufacture.

Within 12 months of delivery, the company is responsible of free repair for breakdown caused by material or manufacture. Proven with defect under warranty, the company will exchange the instrument or free repair it alternatively.

Warranty Coverage

Breakdown due to improper use, operation in inappropriate conditions, maintain or refitting without authorization are not in warranty coverage.

Repair Record

| Date | Repair Record | Repaired by |
|------|---------------|-------------|
| | | |
| | | |
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| | |
|----------------------|--|
| Buyer Company | |
| Buyer Name | |
| Address | |
| Telephone | |
| Fax | |
| Zip Code | |
| E-mail | |

Packing List

| No. | Name | Type | Quantity | Remarks |
|-----------------|----------------------------|----------|----------------------|---------|
| 1 | Mini Handheld Homogenizer | SMT-10HL | 1 | |
| 2 | Plastic Dispensing Head | | 10 | |
| 3 | Performance Test Statement | | 1 | |
| 4 | Operation Manual | | 1 | |
| 5 | Warranty Card | | 1 | |
| Charger: | | | Packing Date: | |